BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Internal Application No PCT/JP2004/019681

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER H01L21/00		
	(ISO) and both notional elegation	isotian and IDC	
	o International Patent Classification (IPC) or to both national classif	ication and IFC	
B. FIELDS	SEARCHED commentation searched (classification system followed by classification system followed by classifi	ation symbols)	
IPC 7			
Documenta	ation searched other than minimum documentation to the extent that	t such documents are included in the fields se	arched
Electronic d	data base consulted during the international search (name of data	base and, where practical, search terms used)	1
EPO-In	nternal, WPI Data, PAJ		
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT		Relevant to claim No.
Calegory °	Citation of document, with indication, where appropriate, of the	relevant passages	Helevani to diamino.
Х	WO 02/058114 A (EBARA CORPORATI KUMEKAWA, MASAYUKI) 25 July 2002 (2002-07-25) page 17; figure 9	•	1–23
	page 19 - page 20; figures 2,12		
х	WO 03/105200 A (EBARA CORPORATI KATSUOKA, SEIJI; SEKIMOTO, MASA WATANABE, TERU)	ON; HIKO;	1–23
	18 December 2003 (2003-12-18) figure 5b the whole document		
А	US 2003/221612 A1 (DAI NAOKI ET 4 December 2003 (2003-12-04)	AL)	1,7,9, 11,15, 18-20,22
	paragraph '0077! paragraph '0078!	·	
Fu Fu	urther documents are listed in the continuation of box C.	Y Patent family members are listed	in annex.
•A• docu	categories of cited documents: ment defining the general state of the art which is not	*T* later document published after the int or priority date and not in conflict with cited to understand the principle or the	n the application but
"E" earlie	sidered to be of particular relevance er document but published on or after the international g date	invention "X" document of particular relevance; the	claimed invention
which citat	ment which may throw doubts on priority claim(s) or ch is cited to establish the publication date of another tion or other special reason (as specified)	involve an inventive step when the d "Y" document of particular relevance; the cannot be considered to involve an is document is combined with one or m	claimed Invention
oths	ment referring to an oral disclosure, use, exhibition or er means iment published prior to the international filling date but	ments, such combination being obvious in the art.	ous to a person skilled
late	r than the priority date claimed	*&* document member of the same patern Date of mailing of the international se	
Date of th	he actual completion of the international search	03/05/2005	
	21 April 2005	Authorized officer	·
Name an	nd mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Admorized officer	
	Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (431–70) 340–3016	Bader, K	

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

internal al Application No
PCT/JP2004/019681

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 02058114	A	25-07-2002	JP CN EP WO US	2002212786 A 1455947 A 1252650 A1 02058114 A1 2003089608 A1	31-07-2002 12-11-2003 30-10-2002 25-07-2002 15-05-2003
WO 03105200	Α	18-12-2003	WO JP	03105200 A1 2004214222 A	18-12-2003 29-07-2004
US 2003221612	A1	04-12-2003	NON	E	